

SYSTEM AND METHOD FOR DISPLAYING INFORMATION ON THE
SCREEN OF A USER INTERFACE DEVICE UNDER THE
CONTROL OF A DIGITAL AUDIO PLAYBACK DEVICE

ABSTRACT OF THE DISCLOSURE

There is disclosed a digital audio playback device (DAPD) comprising: 1) an external interface for coupling to a connected processing system that executes a user interface application program that accesses and controls the digital audio playback device via the external interface; 2) a memory coupled to the external interface for storing a reverse DAPD application programming interface (API); and 3) a processor coupled to the memory and the external interface for executing the reverse DAPD API. The reverse DAPD API causes the processor to access and control a user interface operated by the user interface application program displayed on a monitor screen of the connected processing system. There also is disclosed a reverse DAPD API that is implemented in the connected processing system. Accordingly, the processing system comprises: 1) an external interface for coupling to the connected digital audio playback device; 2) a memory coupled to the external interface for storing a user interface application program that accesses and controls the digital audio playback device and for storing the reverse DAPD application programming interface (API); and 3) a

processor coupled to the memory and the external interface for executing a user interface application program and the reverse DAPD API. The reverse DAPD API communicates with the digital audio playback device and enables the digital audio playback device to access and control a user interface associated with the user interface application program displayed on a monitor screen.

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